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971 *Pia Villa, Paolo Bigini, Tiziana Mennini, Davide Agnello, Teresa Laragione, Alfredo Cagnotto, Barbara Viviani, Marina Marinovich, Anthony Cerami, Thomas R. Coleman, Michael Brines, and Pietro Ghezzi.* Erythropoietin selectively attenuates cytokine production and inflammation in cerebral ischemia by targeting neuronal apoptosis

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977 *Valérie Wittamer, Jean-Denis Franssen, Marisa Vulcano, Jean-François Mirjolet, Emmanuel Le Poul, Isabelle Migeotte, Stéphane Brézillon, Richard Tyldesley, Cédric Blanpain, Michel Detheux, Alberto Mantovani, Silvano Sozzani, Gilbert Vassart, Marc Parmentier, and David Communi.* Specific recruitment of antigen-presenting cells by chemerin, a novel processed ligand from human inflammatory fluids

987 ***Shuangping Shi, Carl Nathan, Dirk Schnappinger, Jörg Drenkow, Michele Fuortes, Ellen Block, Aihao Ding, Thomas R. Gingeras, Gary Schoolnik, Shizuo Akira, Kiyoshi Takeda, and Sabine Ehrt.*** MyD88 primes macrophages for full-scale activation by interferon-γ yet mediates few responses to *Mycobacterium tuberculosis*

999 ***Donald W. Lawrence, Walter J. Bruyninckx, Nancy A. Louis, Douglas M. Lublin, Gregory L. Stahl, Charles A. Parkos, and Sean P. Colgan.*** Antiadhesive role of apical decay-accelerating factor (CD55) in human neutrophil transmigration across mucosal epithelia

1011 ***Mark Y. Sangster, Janice M. Riberdy, Maricela Gonzalez, David J. Topham, Nicole Baumgarth, and Peter C. Doherty.*** An early $CD4^+$ T cell–dependent immunoglobulin A response to influenza infection in the absence of key cognate T–B interactions

1023 ***David W. Mullins, Stacey L. Sheasley, Rebecca M. Ream, Timothy N.J. Bullock, Yang-Xin Fu, and Victor H. Engelhard.*** Route of immunization with peptide-pulsed dendritic cells controls the distribution of memory and effector T cells in lymphoid tissues and determines the pattern of regional tumor control

1035 ***Sachiko Akashi, Shin-ichiroh Saitoh, Yasutaka Wakabayashi, Takane Kikuchi, Noriaki Takamura, Yoshinori Nagai, Yutaka Kusumoto, Koichi Fukase, Shoichi Kusumoto, Yoshiyuki Adachi, Atsushi Kosugi, and Kensuke Miyake.*** Lipopolysaccharide interaction with cell surface toll-like receptor 4-MD-2: higher affinity than that with MD-2 or CD14

1043 ***Katherine A. Fitzgerald, Daniel C. Rowe, Betsy J. Barnes, Daniel R. Caffrey, Alberto Visintin, Eicke Latz, Brian Monks, Paula M. Pitha, and Douglas T. Golenbock.*** LPS-TLR4 signaling to IRF-3/7 and NF-κB involves the toll adapters TRAM and TRIF

1057 ***Fredric Carlsson, Karin Berggård, Margaretha Stålhammar-Carlemalm, and Gunnar Lindahl.*** Evasion of phagocytosis through cooperation between two ligand-binding regions in *Streptococcus pyogenes* M protein

1069 ***Daniel B. Stetson, Markus Mohrs, R. Lee Reinhardt, Jody L. Baron, Zhi-En Wang, Laurent Gapin, Mitchell Kronenberg, and Richard M. Locksley.*** Constitutive cytokine mRNAs mark natural killer (NK) and NK T cells poised for rapid effector function

1077 ***Raila Ehlers, Valentin Ustinov, Zhiping Chen, Xiaobin Zhang, Ravi Rao, F. William Luscinskas, Jose Lopez, Edward Plow, and Daniel I. Simon.*** Targeting platelet–leukocyte interactions: identification of the integrin Mac-1 binding site for the platelet counter receptor glycoprotein Ibα

1089 ***Isabelle Grandjean, Livine Duban, Elizabeth A. Bonney, Erwan Corcuff, James P. Di Santo, Polly Matzinger, and Olivier Lantz.*** Are major histocompatibility complex molecules involved in the survival of naive $CD4^+$ T cells?

1103 ***Irina Apostolou, Zhenyue Hao, Klaus Rajewsky, and Harald von Boehmer.*** Effective destruction of Fas-deficient insulin-producing β cells in type 1 diabetes

1107 ***Nevil J. Singh and Ronald H. Schwartz.*** The strength of persistent antigenic stimulation modulates adaptive tolerance in peripheral $CD4^+$ T cells

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1119 ***Anselm Enders, Philippe Bouillet, Hamsa Puthalakath, Yuekang Xu, David M. Tarlinton, and Andreas Strasser.*** Loss of the pro-apoptotic BH3-only Bcl-2 family member Bim inhibits BCR stimulation–induced apoptosis and deletion of autoreactive B cells

1127 ***Correction***

1129 ***Retraction***

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1131 ***Jennifer Bell.*** Developments at *The JEM*

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1133 ***Dirk Elewaut, Anna P. Lawton, Niranjana A. Nagarajan, Emanual Maverakis, Archana Khurana, Stefan Höning, Chris A. Benedict, Eli Sercarz, Oddmund Bakke, Mitchell Kronenberg, and Theodore I. Prigozy.*** The adaptor protein AP-3 is required for CD1d-mediated antigen presentation of glycosphingolipids and development of Vα14*i* NKT cells

1147 ***Amedeo Amedei, Mathijs P. Bergman, Ben J. Appelmelk, Annalisa Azzurri, Marisa Benagiano, Carlo Tamburini, Ruurd van der Zee, John L. Telford, Christina M.J.E. Vandenbroucke-Grauls, Mario M. D'Elios, and Gianfranco Del Prete.*** Molecular mimicry between *Helicobacter pylori* antigens and H^+,K^+–adenosine triphosphatase in human gastric autoimmunity

1157 ***Ziaur SM. Rahman, Sambasiva P. Rao, Susan L. Kalled, and Tim Manser.*** Normal induction but attenuated progression of germinal center responses in BAFF and BAFF-R signaling–deficient mice

1171 ***Alberto Martin, Ziqiang Li, Diana P. Lin, Philip D. Bardwell, Maria D. Iglesias-Ussel, Winfried Edelmann, and Matthew D. Scharff.*** Msh2 ATPase activity is essential for somatic hypermutation at A-T basepairs and for efficient class switch recombination

1179 ***Atsushi Kitani, Ivan Fuss, Kazuhiko Nakamura, Fumiyuki Kumaki, Takashi Usui, and Warren Strober.*** Transforming growth factor (TGF)-β1–producing regulatory T cells induce Smad-mediated interleukin 10 secretion that facilitates coordinated immunoregulatory activity and amelioration of TGF-β1–mediated fibrosis

1189 ***Frank Blaeser, Paul J. Bryce, Nga Ho, Vidya Raman, Fatma Dedeoglu, Debra D. Donaldson, Raif S. Geha, Hans C. Oettgen, and Talal A. Chatila.*** Targeted inactivation of the IL-4 receptor α chain I4R motif promotes allergic airway inflammation

1201 ***Louise A. Koopman, Hernan D. Kopcow, Basya Rybalov, Jonathan E. Boyson, Jordan S. Orange, Frederick Schatz, Rachel Masch, Charles J. Lockwood, Asher D. Schachter, Peter J. Park, and Jack L. Strominger.*** Human decidual natural killer cells are a unique NK cell subset with immunomodulatory potential

1213 ***Eckart Schott, Roberto Bonasio, and Hidde L. Ploegh.*** Elimination in vivo of developing T cells by natural killer cells

1225 ***Mathias W. Hornef, Birgitta Henriques Normark, Alain Vandewalle, and Staffan Normark.*** Intracellular recognition of lipopolysaccharide by Toll-like receptor 4 in intestinal epithelial cells

1237 ***Ian R. Humphreys, Gerhard Walzl, Lorna Edwards, Aaron Rae, Sue Hill, and Tracy Hussell.*** A critical role for OX40 in T cell–mediated immunopathology during lung viral infection

1243 ***Joseph S. Zhou, Daniel S. Friend, Anna M. Feldweg, Massoud Daheshia, Lin Li, K. Frank Austen, and Howard R. Katz.*** Prevention of lipopolysaccharide-induced microangiopathy by gp49B1: evidence for an important role for gp49B1 expression on neutrophils

1253 ***Gianluca Rotta, Emmerson W. Edwards, Sabina Sangaletti, Clare Bennett, Simona Ronzoni, Mario P. Colombo, Ralph M. Steinman, Gwendalyn J. Randolph, and Maria Rescigno.*** Lipopolysaccharide or whole bacteria block the conversion of inflammatory monocytes into dendritic cells in vivo

1265 ***Jianguo Liu, Shanjin Cao, Lisa M. Herman, and Xiaojing Ma.*** Differential regulation of interleukin (IL)-12 p35 and p40 gene expression and interferon (IFN)-γ–primed IL-12 production by IFN regulatory factor 1

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1277 ***Virginie Doyen, Manuel Rubio, Deborah Braun, Toshiaru Nakajima, Jun Abe, Hirohisa Saito, Guy Delespesse, and Marika Sarfati.*** Thrombospondin 1 is an autocrine negative regulator of human dendritic cell activation

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1285 ***Klaus Ley.*** Sulfated sugars for rolling lymphocytes

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1289 ***Annemieke van Zante, Jean-Marc Gauguet, Annette Bistrup, Durwin Tsay, Ulrich H. von Andrian, and Steven D. Rosen.*** Lymphocyte–HEV interactions in lymph nodes of a sulfotransferase-deficient mouse

1301 ***Christine M'Rini, Guiying Cheng, Colleen Schweitzer, Lois L. Cavanagh, Roger T. Palframan, Thorsten R. Mempel, Richard A. Warnock, John B. Lowe, Elizabeth J. Quackenbush, and Ulrich H. von Andrian.*** A novel endothelial L-selectin ligand activity in lymph node medulla that is regulated by α(1,3)-fucosyltransferase-IV

1313 ***Darcy B. Gill, Michael Koomey, Janne G. Cannon, and John P. Atkinson.*** Down-regulation of CD46 by piliated *Neisseria gonorrhoeae*

1323 ***Elena Galkina, Kyriakos Tanousis, Graham Preece, Mauro Tolaini, Dimitris Kioussis, Oliver Florey, Dorian O. Haskard, Thomas F. Tedder, and Ann Ager.*** L-Selectin shedding does not regulate constitutive T cell trafficking but controls the migration pathways of antigen-activated T lymphocytes

1337 ***Takashi Murakami, Adela R. Cardones, Steven E. Finkelstein, Nicholas P. Restifo, Brenda A. Klaunberg, Frank O. Nestle, S. Sianna Castillo, Phillip A. Dennis, and Sam T. Hwang.*** Immune evasion by murine melanoma mediated through CC chemokine receptor-10

1349 ***Rahul A. Aras, Wolfgang Fischer, Guillermo I. Perez-Perez, MariaLuisa Crosatti, Takafumi Ando, Rainer Haas, and Martin J. Blaser.*** Plasticity of repetitive DNA sequences within a bacterial (type IV) secretion system component

1361 ***Luisa M. Stamm, J. Hiroshi Morisaki, Lian-Yong Gao, Robert L. Jeng, Kent L. McDonald, Robyn Roth, Sunao Takeshita, John Heuser, Matthew D. Welch, and Eric J. Brown.*** *Mycobacterium marinum* escapes from phagosomes and is propelled by actin-based motility

1369 ***Jenny Hendriks, Yanling Xiao, and Jannie Borst.*** CD27 promotes survival of activated T cells and complements CD28 in generation and establishment of the effector T cell pool

1381 ***Santos Mañes, Emilia Mira, Ramón Colomer, Sagrario Montero, Luis M. Real, Concepción Gómez-Moutón, Sonia Jiménez-Baranda, Alfredo Garzón, Rosa Ana Lacalle, Keith Harshman, Agustín Ruiz, and Carlos Martínez-A.*** CCR5 expression influences the progression of human breast cancer in a p53-dependent manner

1391 ***Tiziana Schioppa, Badarch Uranchimeg, Alessandra Saccani, Subhra K. Biswas, Andrea Doni, Annamaria Rapisarda, Sergio Bernasconi, Simona Saccani, Manuela Nebuloni, Luca Vago, Alberto Mantovani, Giovanni Melillo, and Antonio Sica.*** Regulation of the chemokine receptor CXCR4 by hypoxia

1403 ***Elizabeth Ramsburg, Robert Tigelaar, Joe Craft, and Adrian Hayday.*** Age-dependent requirement for γδ T cells in the primary but not secondary protective immune response against an intestinal parasite

1415 ***Helen Ferry, Margaret Jones, David J. Vaux, Ian S.D. Roberts, and Richard J. Cornall.*** The cellular location of self-antigen determines the positive and negative selection of autoreactive B cells

1427 ***Hiroyuki Gonda, Manabu Sugai, Yukiko Nambu, Tomoya Katakai, Yasutoshi Agata, Kazuhiro J. Mori, Yoshifumi Yokota, and Akira Shimizu.*** The balance between Pax5 and Id2 activities is the key to AID gene expression

1439 ***Darryll D. Dudley, JoAnn Sekiguchi, Chengming Zhu, Moshe J. Sadofsky, Scott Whitlow, Jeffrey***

DeVido, Robert J. Monroe, Craig H. Bassing, and Frederick W. Alt. Impaired V(D)J recombination and lymphocyte development in core RAG1-expressing mice

1451 *Correction*

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1453 ***Naděžda Brdičková, Tomáš Brdička, Pavla Angelisová, Ondrej Horváth, Jiří Špička, Ivan Hilgert, Jan Pačes, Luca Simeoni, Stefanie Kliche, Camilla Merten, Burkhart Schraven, and Václav Hořejší.*** LIME: a new membrane raft-associated adaptor protein involved in CD4 and CD8 coreceptor signaling

1463 ***Eun Mi Hur, Myoungsun Son, Ok-Hee Lee, Young Bong Choi, Changwon Park, Hyunsook Lee, and Yungdae Yun.*** LIME, a novel transmembrane adaptor protein, associates with $p56^{lck}$ and mediates T cell activation

1475 ***Sabina Sangaletti, Antonella Stoppacciaro, Cristiana Guiducci, Maria Rosaria Torrisi, and Mario P. Colombo.*** Leukocyte, rather than tumor-produced SPARC, determines stroma and collagen type IV deposition in mammary carcinoma

1487 ***Thomas Schüler, Sandra Körnig, and Thomas Blankenstein.*** Tumor rejection by modulation of tumor stromal fibroblasts

1495 ***Ewa Sitnicka, Cord Brakebusch, Inga-Lill Martensson, Marcus Svensson, William W. Agace, Mikael Sigvardsson, Natalija Buza-Vidas, David Bryder, Corrado M. Cilio, Henrik Ahlenius, Eugene Maraskovsky, Jacques J. Peschon, and Sten Eirik W. Jacobsen.*** Complementary signaling through flt3 and interleukin-7 receptor α is indispensable for fetal and adult B cell genesis

1507 ***Triantafyllos Chavakis, Angelika Bierhaus, Nadia Al-Fakhri, Darius Schneider, Steffen Witte, Thomas Linn, Mariko Nagashima, John Morser, Bernd Arnold, Klaus T. Preissner, and Peter P. Nawroth.*** The pattern recognition receptor (RAGE) is a counterreceptor for leukocyte integrins: a novel pathway for inflammatory cell recruitment

1517 ***Arihiro Kano, Michael J. Wolfgang, Qian Gao, Joerg Jacoby, Gui-Xuan Chai, William Hansen, Yoshiki Iwamoto, Jordan S. Pober, Richard A. Flaveil, and Xin-Yuan Fu.*** Endothelial cells require STAT3 for protection against endotoxin-induced inflammation

1527 ***Shannon Turley, Laurent Poirot, Masakazu Hattori, Christophe Benoist, and Diane Mathis.*** Physiological β cell death triggers priming of self-reactive T cells by dendritic cells in a type-1 diabetes model

1539 ***Marcel Spaargaren, Esther A. Beuling, Mette L. Rurup, Helen P. Meijer, Melanie D. Klok, Sabine Middendorp, Rudolf W. Hendriks, and Steven T. Pals.*** The B cell antigen receptor controls integrin activity through Btk and PLCγ2

1551 ***Ronald S. Veazey, Per Johan Klasse, Thomas J. Ketas, Jacqueline D. Reeves, Michael Piatak, Jr., Kevin Kunstman, Shawn E. Kuhmann, Preston A. Marx, Jeffrey D. Lifson, Jason Dufour, Megan Mefford, Ivona Pandrea, Steven M. Wolinsky, Robert W. Doms, Julie A. DeMartino, Salvatore J. Siciliano, Kathy Lyons, Martin S. Springer, and John P. Moore.*** Use of a small molecule CCR5 inhibitor in macaques to treat simian immunodeficiency virus infection or prevent simian–human immunodeficiency virus infection

1563 ***Thomas R. Hawn, Annelies Verbon, Kamilla D. Lettinga, Lue Ping Zhao, Shuying Sue Li, Richard J. Laws, Shawn J. Skerrett, Bruce Beutler, Lea Schroeder, Alex Nachman, Adrian Ozinsky, Kelly D. Smith, and Alan Aderem.*** A common dominant TLR5 stop codon polymorphism abolishes flagellin signaling and is associated with susceptibility to Legionnaires' disease

1573 ***Shigeharu Myou, Alan R. Leff, Saori Myo, Evan Boetticher, Jiankun Tong, Angelo Y. Meliton, Jie Liu, Nilda M. Munoz, and Xiangdong Zhu.*** Blockade of inflammation and airway

hyperresponsiveness in immune-sensitized mice by dominant-negative phosphoinositide 3-kinase–TAT

1583 ***Rance E. Berg, Emily Crossley, Sean Murray, and James Forman.*** Memory $CD8^+$ T cells provide innate immune protection against *Listeria monocytogenes* in the absence of cognate antigen

1595 ***Keiko Fujikawa, Ana V. Miletic, Frederick W. Alt, Roberta Faccio, Tracie Brown, Jeremy Hoog, Jessica Fredericks, Shinzo Nishi, Shirly Mildiner, Sheri L. Moores, Joan Brugge, Fred S. Rosen, and Wojciech Swat.*** Vav1/2/3-null mice define an essential role for Vav family proteins in lymphocyte development and activation but a differential requirement in MAPK signaling in T and B cells

1609 ***Jane Seagal, Efrat Edry, Zohar Keren, Nira Leider, Ofra Benny, Marcelle Machluf, and Doron Melamed.*** A fail-safe mechanism for negative selection of isotype-switched B cell precursors is regulated by the Fas/FasL pathway

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1621 ***Jennifer Bell.*** A call for papers on human subjects

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1623 ***Olivera J. Finn.*** Premalignant lesions as targets for cancer vaccines

1627 ***Ana C. Anderson and Vijay K. Kuchroo.*** Expression of self-antigen in the thymus: a little goes a long way

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1631 ***John Schmieg, Guangli Yang, Richard W. Franck, and Moriya Tsuji.*** Superior protection against malaria and melanoma metastases by a C-glycoside analogue of the natural killer T cell ligand α-galactosylceramide

1643 ***Hyung-Sik Kang, Sarah E. Blink, Robert K. Chin, Youjin Lee, Oliver Kim, Joel Weinstock, Thomas Waldschmidt, Daniel Conrad, Bohao Chen, Julian Solway, Anne I. Sperling, and Yang-Xin Fu.*** Lymphotoxin is required for maintaining physiological levels of serum IgE that minimizes Th1-mediated airway inflammation

1653 ***Kara Bickham, Kiera Goodman, Casper Paludan, Sarah Nikiforow, Ming Li Tsang, Ralph M. Steinman, and Christian Münz.*** Dendritic cells initiate immune control of Epstein-Barr virus transformation of B lymphocytes in vitro

1665 ***Dody Avichezer, Rafael S. Grajewski, Chi-Chao Chan, Mary J. Mattapallil, Phyllis B. Silver, James A. Raber, Gregory I. Liou, Barbara Wiggert, Giavonni M. Lewis, Larry A. Donoso, and Rachel R. Caspi.*** An immunologically privileged retinal antigen elicits tolerance: major role for central selection mechanisms

1677 ***Chad Steele, Luis Marrero, Steve Swain, Allen G. Harmsen, Mingquan Zheng, Gordon D. Brown, Siamon Gordon, Judd E. Shellito, and Jay K. Kolls.*** Alveolar macrophage–mediated killing of *Pneumocystis carinii* f. sp. *muris* involves molecular recognition by the Dectin-1 β-glucan receptor

1689 ***Ben L. Kelly, Daniel B. Stetson, and Richard M. Locksley.*** *Leishmania major* LACK antigen is required for efficient vertebrate parasitization

1699 ***Yu-wen Su, Alexandra Flemming, Thomas Wossning, Elias Hobeika, Michael Reth, and Hassan Jumaa.*** Identification of a pre-BCR lacking surrogate light chain

1707 ***Brian S. Zuckerbraun, Timothy R. Billiar, Sherrie L. Otterbein, Peter K.M. Kim, Fang Liu, Augustine M.K. Choi, Fritz H. Bach, and Leo E. Otterbein.*** Carbon monoxide protects against liver failure through nitric oxide–induced heme oxygenase 1

1717 ***Kotaro Suzuki, Hiroshi Nakajima, Kei Ikeda, Yuko Maezawa, Akira Suto, Hiroaki Takatori,***

Yasushi Saito, and Itsuo Iwamoto. IL-4–Stat6 signaling induces tristetraprolin expression and inhibits TNF-α production in mast cells

1729 ***Antje Diestel, Orhan Aktas, Dagmar Hackel, Ines Häke, Susanne Meier, Cedric S. Raine, Robert Nitsch, Frauke Zipp, and Oliver Ullrich.*** Activation of microglial poly(ADP-ribose)-polymerase-1 by cholesterol breakdown products during neuroinflammation: a link between demyelination and neuronal damage

1741 ***Masaki Terabe, So Matsui, Jong-Myun Park, Mizuko Mamura, Nancy Noben-Trauth, Debra D. Donaldson, Wanjun Chen, Sharon M. Wahl, Steven Ledbetter, Bruce Pratt, John J. Letterio, William E. Paul, and Jay A. Berzofsky.*** Transforming growth factor-β production and myeloid cells are an effector mechanism through which CD1d-restricted T cells block cytotoxic T lymphocyte–mediated tumor immunosurveillance: abrogation prevents tumor recurrence

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1753 ***Madhav V. Dhodapkar, Joseph Krasovsky, Keren Osman, and Matthew D. Geller.*** Vigorous premalignancy-specific effector T cell response in the bone marrow of patients with monoclonal gammopathy

1759 ***Byung O. Lee, Louise Hartson, and Troy D. Randall.*** CD40-deficient, influenza-specific CD8 memory T cells develop and function normally in a CD40-sufficient environment

1765 ***Correction***

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1767 ***Cesare Montecucco and Marina de Bernard.*** Immunosuppressive and proinflammatory activities of the VacA toxin of *Helicobacter pylori*

1773 ***Cheryl L. Day and Bruce D. Walker.*** Progress in defining CD4 helper cell responses in chronic viral infections

1779 ***Joan Stein-Streilein.*** Invariant NKT cells as initiators, licensors, and facilitators of the adaptive immune response

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1785 ***Regis A. Campos, Marian Szczepanik, Atsuko Itakura, Moe Akahira-Azuma, Stephane Sidobre, Mitchell Kronenberg, and Philip W. Askenase.*** Cutaneous immunization rapidly activates liver invariant Vα14 NKT cells stimulating B-1 B cells to initiate T cell recruitment for elicitation of contact sensitivity

1797 ***Robyn M. Kondrack, Judith Harbertson, Joyce T. Tan, Meghan E. McBreen, Charles D. Surh, and Linda M. Bradley.*** Interleukin 7 regulates the survival and generation of memory CD4 cells

1807 ***JiChu Li, Gail Huston, and Susan L. Swain.*** IL-7 promotes the transition of CD4 effectors to persistent memory cells

1817 ***Fakhreldin M. Omer, J. Brian de Souza, Patrick H. Corran, Ali A. Sultan, and Eleanor M. Riley.*** Activation of transforming growth factor β by malaria parasite-derived metalloproteinases and a thrombospondin-like molecule

1829 ***Kazuko Shibuya, Jun Shirakawa, Tomie Kameyama, Shin-ichiro Honda, Satoko Tahara-Hanaoka, Akitomo Miyamoto, Masafumi Onodera, Takayuki Sumida, Hiromitsu Nakauchi, Hiroyuki Miyoshi, and Akira Shibuya.*** CD226 (DNAM-1) is involved in lymphocyte function–associated antigen 1 costimulatory signal for naive T cell differentiation and proliferation

1841 ***Masatsugu Oh-hora, Sachiko Johmura, Ari Hashimoto, Masaki Hikida, and Tomohiro Kurosaki.*** Requirement for Ras guanine nucleotide releasing protein 3 in coupling phospholipase C-γ2 to Ras in B cell receptor signaling

1853 ***Michael S. Diamond, Elizabeth M. Sitati, Lindzy D. Friend, Stephen Higgs, Bimmi Shrestha, and Michael Engle.*** A critical role for induced IgM in the protection against West Nile virus infection

1863 ***Theresa Tretter, Ashley E. Ross, Dominic I. Dordai, and Stephen Desiderio.*** Mimicry of pre–B cell receptor signaling by activation of the tyrosine kinase Blk

1875 ***WanJun Chen, Wenwen Jin, Neil Hardegen, Ke-jian Lei, Li Li, Nancy Marinos, George McGrady, and Sharon M. Wahl.*** Conversion of peripheral $CD4^+CD25^-$ naive T cells to $CD4^+CD25^+$ regulatory T cells by TGF-β induction of transcription factor *Foxp3*

1887 ***Marianna Boncristiano, Silvia Rossi Paccani, Silvia Barone, Cristina Ulivieri, Laura Patrussi, Dag Ilver, Amedeo Amedei, Mario Milco D'Elios, John L. Telford, and Cosima T. Baldari.*** The *Helicobacter pylori* vacuolating toxin inhibits T cell activation by two independent mechanisms

1899 ***Shuyuan Yeh, Yueh-Chiang Hu, Peng-Hui Wang, Chao Xie, Qingquan Xu, Meng-Yin Tsai, Zhihong Dong, Ruey-Sheng Wang, Ting-Hein Lee, and Chawnshang Chang.*** Abnormal mammary gland development and growth retardation in female mice and MCF7 breast cancer cells lacking androgen receptor

1909 ***Souheil-Antoine Younes, Bader Yassine-Diab, Alain R. Dumont, Mohamed-Rachid Boulassel, Zvi Grossman, Jean-Pierre Routy, and Rafick-Pierre Sékaly.*** HIV-1 viremia prevents the establishment of interleukin 2–producing HIV-specific memory $CD4^+$ T cells endowed with proliferative capacity

1923 ***Haifeng Song and Jan Cerny.*** Functional heterogeneity of marginal zone B cells revealed by their ability to generate both early antibody-forming cells and germinal centers with hypermutation and memory in response to a T-dependent antigen

1937 ***Thomas C. Gebuhr, Grigoriy I. Kovalev, Scott Bultman, Virginia Godfrey, Lishan Su, and Terry Magnuson.*** The role of *Brg1*, a catalytic subunit of mammalian chromatin-remodeling complexes, in T cell development

Brief Definitive Reports

1951 ***Craig A. Murphy, Claire L. Langrish, Yi Chen, Wendy Blumenschein, Terrill McClanahan, Robert A. Kastelein, Jonathon D. Sedgwick, and Daniel J. Cua.*** Divergent pro- and antiinflammatory roles for IL-23 and IL-12 in joint autoimmune inflammation

1959 ***Alexandre Regamey, Daniel Hohl, Jia Wei Liu, Thierry Roger, Priit Kogerman, Rune Toftgård, and Marcel Huber.*** The tumor suppressor CYLD interacts with TRIP and regulates negatively nuclear factor κB activation by tumor necrosis factor